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China Report

PLANT AND INSTALLATION DATA

No. 23

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I. METALLURGICAL INDUSTRY

Item: Hainan Iron Mine
[3189 0589 6993 4349]

Location: Hainan Island, Guangdong, PRC

Data: By renovating its equipment and making fuller use of its resources, this 30-year-old mine was able to score marked economic results. As of the end of September, its gross profits showed an increase of 38.02 percent over the comparable period of 1979 and the amounts of profit turned over to the state during this period accounted for 91.43 percent of the annual quota, an increase of 10,826,000 yuan over that of the like 1979 period. During the first 6 months of 1980, the production cost per metric ton of iron ore produced dropped from 13.35 to 11.63 yuan. Calculated on the basis of 232,000 metric tons of iron ore produced during the January-August 1980 period, it saved 3.75 million yuan. In September 1979, this mine included copper mining in its production plan. By the end of September this year, the mine extracted 5,389 metric tons of copper ore, netting 2,507,000 yuan in profit. This accounts for 6.8 percent of the mine's gross profits.

Source: Guangzhou NANFANG RIBAO in Chinese 28 Oct 80 p 1

Item: Maanshan Iron and Steel Company
[7456 7254 1472 6921 6993 0361 0674]

Location: Maanshan, Anhui, PRC

Data: Since the implementation of the national economic readjustment policy, this company has taken the initiative to shut down, suspend, combine, change and postpone more than 10 "long-line" production and construction projects, including three small blast furnaces, one small coke oven, one 1,200-cubic-meter large blast furnace and one mining car repair and parts plant. It has also transferred nearly 1,000 workers from these units to the production lines making "short-line" products. An energy conservation drive is also included in this readjustment program.

Source: Beijing RENMIN RIBAO in Chinese 1 Dec 80 p 3

Item: Jinduicheng Molybdenum Company
[6855 1018 1004 9453 2814 0361 0674]

Location: Shaanxi, PRC

Data: By modifying its out-dated equipment as suggested by the technicians, this company is now employing a "new" flotation machine which enables the molybdenum recovery rate to reach the highest level since the company started operation 10 years ago, thereby earning for the state an additional 1.1 million yuan per year.

For the past 10 years, this company has been primarily employing the inflation-type flotation machine, the molybdenum recovery rate of which was low. Some 90 to 150 metric tons of molybdenum ore were "lost for nothing" annually by using the old machine.

Source: Beijing RENMIN RIBAO in Chinese 17 Nov 80 p 1

Item: Hangzhou Iron and Steel Mill
[2635 1558 6921 6993 0617]

Location: Hangzhou, Zhejiang, PRC

Data: Beginning September this year, Rolling Subplant No 1 of this mill has lengthened its 24-kilogram light rails from 8 meters to 10 and 12 meters, as suggested by the end users. The price of the improved products remains the same as that of the shorter rails. This move has substantially increased the marketability of its products.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 18 Nov 80 p 2

Item: Lushan Iron and Steel Mill
[7627 1472 6993 6921 0617]

Location: Lushan County, Henan, PRC

Data: A loss of some 40,000 yuan was reported by this plant through thefts, pilferages, embezzlement and mismanagement after it suspended operation in April 1979. Oil drums, fire extinguishers, oil pumps, auto parts, starters, generators, carburetors and concrete powerline poles and rail ties belonging to this mill were among numerous items stolen by "a small number of people who flouted law and discipline."

Source: Beijing RENMIN RIBAO in Chinese 14 Nov 80 p 3

Item: Chongqing Steel Mill No 3
[6850 1987 6921 0059 0617]

Location: Chongqing, Sichuan, PRC

Data: To meet the growing need of the local light industry, this mill has turned out 163 metric tons of glass kiln bricks during the first half of 1980. It produced only 30 metric tons last year.

Source: Chengdu SICHUAN RIBAO in Chinese 23 Aug 80 p 2

Item: Baotou Institute of Metallurgy
[0545 7333 0396 6955 4282 4496 2076]

Location: Baotou, Nei Monggol AR, PRC

Data: With the help of the Shanxi Province Motor Vehicle Industry Company and the Fenxi Motor Vehicle Assembly and Parts Plant in Taiyuan City, this institute has scored initial results in making a hydrogen-burning motor vehicle after 2 years' effort. Tests are continuing to find ways to further reduce the size and weight of the storage tank, increase the storage capacity and to cut down the production cost.

Source: Beijing RENMIN RIBAO in Chinese 5 Oct 80 p 3

Item: Qujiang Iron and Steel Mill
[3255 3068 6921 6993 0617]

Location: Daxian Prefecture, Sichuan, PRC

Data: This mill, which produces pig iron, cast iron pipes and cement, is now offering delivery service to the customers who need only to send in their orders and have the goods delivered to them in good time. In the past, the customers had to transport products bought from this mill themselves, causing much delay in their projects. During the January-July 1980 period alone, the mill transported over 2,400 metric tons of pig iron, cast iron pipes and cement to 10 counties, including Linshui, Nanjiang and Pengxi. This service has also helped the mill increase its income derived from transport fees by 49,200 yuan.

Source: Chengdu SICHUAN RIBAO in Chinese 4 Sep 80 p 1

Item: Anshan Iron and Steel Company
[7254 1472 6921 6993 0361 0674]

Location: Anshan, Liaoning, PRC

Data: This company recently built a large afterheat pipeline and put it into operation on 18 November. The 14.5-kilometer pipeline will carry hot water discharged by the company's power plant to 81 enterprises and institutions as well as large numbers of housing units south of the company for heating purpose. It is estimated that some 30,000 m tons of coal and 100 m tons of other fuel can be saved during the cold season each year.

Source: Beijing XINHUA Domestic Service in Chinese 0131 GMT 28 Nov 80 OW

Item: MMI Safety Technique Research Institute
[0396 6855 1562 2814 6752 1344 0356 2111 5890 4282 4496 2076]

Location: Beijing, PRC

Data: This institute under the Ministry of Metallurgical Industry and an electrical machinery factory in Jilin have produced China's first electric ore-crusher used for secondary explosions in opencast mines.

After the first explosion in a mine, some three to five percent of the big ores need to be crushed by the secondary explosion which uses electricity to raise temperature of the ores. Heat stress causes the ores to break up into pieces. The crusher produces no dust, noise or vibration. Big ores used to be crushed by blasting, which is not efficient and labor intensive. It produces much dust. In addition, operations had to be stopped so that workers and equipment could be evacuated to avoid accidents.

Source: Beijing XINHUA in English 0702 GMT 8 Dec 80 OW

Item: Baotou Iron and Steel Company
[0545 7333 6921 6993 0361 0674]

Location: Baotou, Nei Monggol AR, PRC

Data: This company netted a profit of 30 million yuan in the first 9 months of 1980, prefulfilling annual profit plans.

Source: Hohhot Nei Monggol Regional Service in Mandarin 1100 GMT
14 Oct 80 SK

Item: Panshi Nickel Mine
[.... 6995 4349]

Location: Jilin Province, PRC

Data: By the end of September, this mine had overfulfilled its annual industrial output value plan by 91 percent and its annual profit plan by 216 percent. The profit earned in the first 9 months was 25 times the profit earned in the corresponding 1979 period.

Source: Changchun Jilin Provincial Service in Mandarin 1100 GMT 24 Oct 80 SK

II. TRANSPORTATION EQUIPMENT INDUSTRY

Item: Shanghai Shipyard
[0006 3189 6644 5307 0617]

Location: Shanghai, PRC

Data: This shipyard is currently building a semi-submerged drilling and prospecting vessel--"Kantan No 3"--for the Ministry of Geology. The "Kantan No 3" has a designed total length of 91 meters and a total width of 71 meters. The platform deck is 35.3 meters in height and the diameter of six vertical columns is 9 meters. The displacement when in tow is 14,040 m tons. The displacement is 21,180 m tons when the draft is 20 meters during drilling operation. The suitable working depth is 35 to 200 meters. It can withstand a maximum wind velocity of 51.5 meters per second and a maximum wave height of 18 meters. The vessel is basically capable of carrying out operations all-year-round on the China Seas, and the estimated maximum drilling depth is around 4,000 meters.

Source: Hong Kong ZHONGGUO XINWEN in Chinese 1 Nov 80 p 1

Item: Huangpu Shipyard
[7806 1033 6644 5307 0617]

Location: Guangzhou, Guangdong, PRC

Data: Two 7,000-ton cargo lighters built by this shipyard were turned over to Hong Kong merchants on 30 October. It took the shipbuilders here only 77 days to complete the contract--from contract signing, designing and construction.

Source: Hong Kong ZHONGGUO XINWEN in Chinese 1 Nov 80 p 1

Item: Changzhou Passenger Vehicle Plant
[1603 1558 1356 6508 0617]

Location: Changzhou, Jiangsu, PRC

Data: This plant has recently succeeded in trial manufacturing a Changjiang brand city bus special chassis and has put it into mass production.

Source: Beijing JENMIN RIBAO in Chinese 24 Nov 80 p 2

Item: Urumqi Railway Bureau
[3527 7627 2606 7871 6993 6424 1444]

Location: Urumqi, Xinjiang, PRC

Data: The leading cadres of this bureau have improved their work style by going to the frontline to solve problems. As a result, old problems have been solved and some problems which had not been properly tackled before have now been solved. In the past, this bureau had been strongly influenced by ultraleftist ideas and management was in a mess. Early this year the bureau consolidated the leading group. Despite persecution by the "gang of four" that left him with seven fractures in his body, the new bureau director Qi Lin took railway cars to inspect stations, work sites and switchyards and extensively listened to the masses' opinions. He reported all the problems found to the railway bureau and severely criticized the unhealthy practices of drivers not following operational procedures, persons on station duty not receiving incoming trains, of having no patroller in many railroad maintenance sections and dilapidated or missing railway signals. Qi Lin urged the leaders of the related units to quickly solve these problems. In the course of his inspection, he dared to speak out and tackled problems. Once problems were found, he set a definite time-frame for solving them.

Source: Beijing XINHUA Domestic Service in Chinese 0203 GMT 30 Oct 80 OW

III. ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES

Item: Beijing Semi-Conductor Components Plant No 2
[0554 0079 0584 1418 7555 0892 0115 0059 0617]

Location: Beijing, PRC

Data: This plant has been making great efforts toward raising the quality of its SD402 integrated circuit, an important component for digital computers. The average percentage of its finished products for the January-August 1980 period was three times above that of 1979, ranking first in the country in this product category and reaching the international level of finished product percentage for similar medium-scale integrated circuits.

Source: Beijing BEIJING RIBAO in Chinese 6 Oct 80 p 2

Item: Dongfeng Radio Plant
[2639 7364 3541 4848 7193 0617]

Location: Ningbo, Zhejiang, PRC

Data: This plant has officially put the "Silver Dove" brand 12-inch black and white television sets into production. Some of the picture tubes are imported and some of them are Chinese made. The sale price of its television sets is 15 percent less than that of similar products due to lower production cost.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 6 Nov 80 p 2

Item: Tianjin Radio Plant
[1131 3160 2477 4848 7193 0617]

Location: Tianjin, PRC

Data: Construction of [one of] China's first color television set production lines has been completed here and trial production started this date [22 October]. This production line, which was imported from Japan, is capable of turning out 150,000 14-inch and 22-inch color TV sets a year. It has 153 work positions.

Source: Beijing RENMIN RIBAO in Chinese 22 Oct 80 p 1

Item: Hefei Electronic Tubes Plant
[0678 5142 7193 1311 4619 0617]

Location: Hefei, Anhui, PRC

Data: Established in 1974, this plant currently employs 300 employees and workers. From the beginning of 1974 to the end of 1979, it had operated at a loss of 2.37 million yuan. Since assuming the responsibility for its own losses and profits beginning January 1980 and up to the end of September the same year, the plant realized a profit of 46,900 yuan. For the January-September 1980 period, it produced 644,900 electronic tubes of all tubes, approaching the total output for the preceding 4 years.

Source: Beijing RENMIN RIBAO in Chinese 28 Oct 80 p 2

Item: Tiantai Radio Plant
[1131 0669 3541 4848 7193 0617]

Location: Shanghai, PRC

Data: This plant has successfully manufactured a "Goose" brand FD--1 anion generator used for purifying air and producing anions for the treatment of bronchitis, asthma and migraine headache.

Source: Shanghai JEIFANG RIBAO in Chinese 6 Nov 80 p 2

Item: Tianjin Radio Plant
[1131 3160 3541 4848 7193 0617]

Location: Tianjin, PRC

Data: China's first color TV production line was completed at this state-run plant, and a ceremony for commencement of trial operation was held on 20 October. The production line will turn out 150,000 color TV sets a year, including 14-inch and 22-inch sets. It was imported from Japan's Victor Company.

Source: Beijing XINHUA Domestic Service in Chinese 1640 GMT 20 Oct 80 OW

Item: Jiangnan Radio Equipment Plant
[3068 0589 3541 4848 7193 0892 2624 0617]

Location: Wuxi, Jiangsu, PRC

Data: This plant has successfully trial produced integrated circuits for use in 12-inch black and white television sets. It will begin the mass production of such integrated circuits next year.

Source: Nanjing Jiangsu Provincial Service in Mandarin 2300 GMT 14 Nov 80 OW

Item: Shanghai Ultrasonic Apparatus Plant
[0006 3189 6389 5116 0892 2750 0617]

Location: Shanghai, PRC

Data: This plant recently turned out a new type of supersonic depth detector. It is used for inland river navigation, and is capable of measuring water depths ranging from a half to 100 meters. If the water depth is less than 3 meters, it automatically gives a warning sound signal. It weighs less than 3 kilograms and is about half the size of a 12-inch television.

Source: Beijing XINHUA Domestic Service in Chinese 0202 GMT 7 Nov 80 OW

Item: Shenyang Institute of Computer Technology
[3088 7133 6060 4615 2623 2111 5890 4282 4496 2076]

Location: Shenyang, Liaoning, PRC

Data: A computer system technical exchange meeting sponsored by a Norwegian data company opened here on 20 October. (Zhang Pengzhou), deputy director of the technical sciences department under the Chinese Academy of Sciences, and Tancred Ibsen, Norwegian ambassador to China, made a special trip from Beijing to Shenyang to attend the opening ceremony.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 20 Oct 80 SK

Item: Shanghai Institute of Computer Technology
[0006 3189 6060 4615 2623 2111 5890 4282 4496 2076]

Location: Shanghai, PRC

Data: This institute has in the past few years successfully designed computer systems for concerned departments to use in railway transportation, telephone services and customs operations. These computers have proved very effective and reliable. It takes only 6 hours for the computer system designed by the institute to compute the monthly cargo and passenger volumes handled by the Shanghai Railway Bureau, a task which used to take 80 people a month to complete.

Source: Shanghai City Service in Mandarin 1130 GMT 5 Nov 80 OW

Item: Shanghai Television Set Plant
[0006 3189 7193 6018 2623 0617]

Location: Shanghai, PRC

Data: A color television assembly line project, the first in China, began regular operation at this plant on 8 November. The new assembly line was imported from Japan. It has an annual production capacity of 200,000 14-inch and 22-inch color television sets.

Source: Shanghai City Service in Mandarin 1130 GMT 8 Nov 80

IV. CHEMICAL INDUSTRY

Item: Zhengguang Chemical Plant
[3630 0342 0553 1562 0617]

Location: Yuhang County, Zhejiang, PRC

Data: This plant, employing 300 staff members and workers, is adopting a 6-hour work system and a 2-hour study system among 60 percent of its personnel with gratifying results. Its regular 3-workshift system has been changed into a four-workshift system to allow the workers in the shops sufficient time to attend study classes. Eighteen months of experiment shows that despite the implementation of a new study system which has resulted in a reduction in manpower, the plant's output during this period showed an increase of 13.5 percent over 1978. The production of the plant's principal product, ion-exchange resin, for the first half of 1980 registered an increase of 23 percent over that of the like 1979 period.

Source: Beijing RENMIN RIBAO in Chinese 21 Sep 80 p 1

Item: Cangzhou Chemical Fertilizer Plant
[3318 1558 0553 5142 0617]

Location: Cangzhou, Hebei, PRC

Data: Since it was put into operation in April 1977, this major chemical fertilizer plant, equipped with machinery imported from the United States and the Netherlands, has turned over to the state 250 million yuan, exceeding the total amount of investment funded by the state.

Plant manager Ding Yiyue [0002 0001 7048] was instrumental in realizing a savings of more than 4 million yuan through the implementation of eight technical innovations during the January-August 1980 period.

Source: Beijing GUANCHING RIBAO in Chinese 14 Oct 80 p 1

Item: Jialing Chemical Plant
[0857 7117 0553 1562 0617]

Location: Chongqing, Sichuan, PRC

Data: The potassium permanganate produced by this plant ranks first in the nation in quality. The potassium permanganate content reaches as high as 99.64 percent. The oxidizing agent turned out by this plant finds wide applications in the light, chemical, petroleum, pharmaceuticals, and national defense industries and is exported to 52 countries and regions in Europe, Asia, North America, Oceania and Australia.

Source: Chengdu SICHUAN RIBAO in Chinese 18 Sep 80 p 3

Item: Yiping Chemical Plant
[0001 0988 0553 1562 0617]

Location: Sichuan, PRC

Data: The Yiping brand No 4109 synthetic aviation lubrication oil produced by this plant, subordinate to the Sichuan Petroleum Administrative Bureau, has recently won a silver prize for top quality. An indispensable lubricating material for high-speed aircraft engines, this lubricating oil is up to the advanced level of similar products turned out by foreign countries. This kind of lubricating oil is being used on several types of imported and Chinese-built aircraft.

Source: Chengdu SICHUAN RIBAO in Chinese 21 Sep 80 p 2

Item: Qingyuan Nitrogenous Fertilizer Plant
[3237 6678 8644 5142 0617]

Location: Qingyuan County, Guangdong, PRC

Data: This plant has fulfilled its 1980 production plan 3 months ahead of schedule. By the end of September, the plant fulfilled its annual profit plan of 1.14 million yuan, a fourfold increase over that of the comparable period of 1979.

Prior to 1978, this plant had operated at a loss due to high coal and electric power consumption and high production cost. At that time, for 1 metric ton of chemical fertilizer produced, it required 1.5 metric tons of coal and 1,900 kwh of electricity. Since the plant instituted an above-quota incentive system, the workers made special efforts toward maintaining and improving the equipment and machinery. As a result, they have lowered the coal consumption per metric ton of chemical fertilizer produced from 1.5 to 1 metric ton and electric power consumption, from 1,900 to 1,500 kwh. During the January-September 1980 period, the plant saved 7,020 metric tons of coal, valued at 365,000 yuan, and conserved 855,000 kwh of electricity, valued at 47,000 yuan. Its chemical fertilizer production cost has dropped 15.9 percent.

Source: Guangzhou NANFANG RIBAO in Chinese 17 Nov 80 p 1

Item: Zhuzhou Forest Product Chemicals Plant
2701 3166 2651 3934 0553 1562 0617]

Location: Zhuzhou, Hunan, PRC

Data: In cooperation with two scientific units, this plant has successfully tested and put into limited production hydrogenated resin that finds wide applications in the electronic and light industries.

Source: Beijing RENMIN RIBAO in Chinese 26 Nov 80 p 2

Item: Yimeng Chemical Fertilizer Plant
[.... 0553 5142 0617]

Location: Linyi Prefecture, Shandong Province, PRC

Data: This plant attained good results in bringing the enthusiasm of its 580 workers into full play by paying attention to their daily life. As of early October, its technicians repaired 328 dilapidated machines, saving 68,600 yuan in production costs. They also made more than 80 rational technical proposals and carried out 27 technical innovations and renovations. Therefore, the plant was able to prefuill its annual production plan by 77 days and to raise the quality of its first grade product to 100 percent.

Source: Jinan Shandong Provincial Service in Mandarin 2300 GMT 9 Nov 80 SK

Item: Shanghai General Petrochemical Plant
[0006 3189 4258 3111 0553 1562 4920 0617]

Location: Shanghai, PRC

Data: According to a JIEFANG RIBAO report, this plant dug up 20 tons of explosives of different types buried at the site of its second-stage construction project. It has been found that the explosives were remnants of outdated explosives supposed to be detonated by a department of the Shanghai Municipal Public Security Bureau during the 10 chaotic years at this location. The workers have criticized the departments concerned for being so irresponsible.

Source: Shanghai City Service in Mandarin 2300 GMT 2 Nov 80 OW

V. FUEL AND POWER INDUSTRIES

Item: Hangzhou Oil Refinery
[2623 1558 3550 3111 0616]

Location: Hangzhou, Zhejiang, PRC

Data: During an energy conservation drive based on technical reforms, this refinery saved 3,380 metric tons of oil for the January-September 1980 period, averaging more than 10 metric tons per day. It reported a 14-percent increase and a 22-percent rise in gross industrial output value and in profits respectively during the same period. The technical reforms carried out by this refinery include renovation of the constant pressure tower, installation of four heat exchangers, elimination of over 1,000 meters of old pipelines, removal of more than 20 old and leaky steam reciprocal pumps, and the installation of power driven centrifugal pumps, all at a cost of only 400,000 yuan.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 9 Nov 80 p 1

Item: (Taipingshao) Hydroelectric Power Plant
[(1132 1627 0783) 3055 0500 4099 7193 0617]

Location: (Taipingshao), Liaoning, PRC

Data: The third generating set of this 40,500-kw-capacity plant went into operation on 27 September. The hydropower plant, located in the lower reaches of the Hunjiang River, has a total installed generating capacity of 161,000 kw. The daily power output of the third generating set equals to one-third of the daily power consumption of Dandong area.

Source: Shenyang Liaoning Provincial Service in Mandarin 2200 GMT 27 Sep 80 SK

Item: Zhejiang Oil Refinery
[3181 3068 3550 3111 0617]

Location: Zhejiang, PRC

Data: The largest integrated chemical fertilizer manufacturing installation in the province is under construction at this refinery. It is composed of a whole set of equipment imported from Japan, which is capable of making 300,000 metric tons of synthetic ammonia annually, and a 520,000-ton-per-year urea production unit built in China. The synthetic ammonia equipment uses (?pressurized petroleum asphalt) as raw material and applies a process involving high-pressure and deep-refrigeration techniques, which is the first of its kind in China. Since the project was started last July, all units participating in its construction have been making all-out efforts to speed up the work. The whole project is expected to be completed in 1982. The requirement for chemical fertilizer in Zhejiang will be met by and large after this installation is put into operation.

Source: Hangzhou Zhejiang Provincial Service in Mandarin 0400 GMT 24 Oct 80 OW

Item: Xiaonan Coal Mine
[2556 0589 3561 4349]

Location: Tiefa Mining Zone in northern Liaoning, PRC

Data: Development of this mine with an annual output of 900,000 metric tons has been completed. The mine occupies an underground coal field area of 21 square kilometers. Its verified coal reserves are 149 million metric tons.

Source: Beijing RENMIN RIBAO in Chinese 2 Oct 80 p 1

Item: Jianshan Stone Coal Mine
[3068 1472 4258 3561 4349]

Location: Jiangshan, Zhejiang, PRC

Data: In order to diversify its production, this mine has built a cement plant with an annual output of 7,000-10,000 metric tons. The cement produced by the plant is generally of No 400 grade. In addition, the plant is turning out square and carbide bricks and other building materials, and is expected to earn more than 100,000 yuan in profit a year.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 6 Nov 80 p 2

VI. MACHINE-BUILDING INDUSTRY

Item: Chengdu Water Pump Plant
[2052 6757 3055 3119 0617]

Location: Chengdu, Sichuan, PRC

Data: In the past several years, this plant has been producing two kinds of deep well water pumps--one with a flow of 36 tons per hour and the other with a flow of 56 tons per hour. Recently, it has also been turning out deep well water pumps with a flow of 10 tons per hour and during the March-July 1980 period, the plant manufactured 275 of these pumps. Trial production of a deep well water pump with a flow of 20 tons per hour is now underway at this plant.

Source: Chengdu SICHUAN RIBAO in Chinese 23 Aug 80 p 2

Item: Jinan Machine Tool Plant No 2
[3444 0589 2623 1643 0059 0617]

Location: Jinan, Shandong, PRC

Data: China's first Z81-400-ton multi-position automatic press was recently produced here. Trial production of this high-efficiency punch press was completed in May by this plant in cooperation with the Casting and Forging Machinery Institute of the First Ministry of Machine-building. This piece of machinery, which has gone through 3 months of rigorous tests, is needed by the light, electronic, automobile, bearing and tractor industries.
[Photo available]

Source: Jinan DAZHONG RIBAO in Chinese 1 Oct 80 p 1

Item: Sichuan Postal Machinery Plant
[0934 1557 6755 2398 2623 2750 0617]

Location: Chengdu, Sichuan, PRC

Data: This plant is mass producing the Chengdu brand CD--021 light three-wheeled trucks designed for transporting freight in the urban and rural areas.
[Source provides a photograph showing a number of three-wheeled trucks manufactured by this plant awaiting shipment.]

Source: Chengdu SICHUAN RIBAO in Chinese 21 Sep 80 p 2

Item: Jiancheng Machinery Plant
[1696 2052 2623 2750 0617]

Location: Harbin, Heilongjiang, PRC

Data: China's first 100-cubic-liter liquid nitrogen tank was designed by engineer Li Junchao [2621 0193 6389] of this plant. In the past, this type of product had to be imported from abroad. It is now being mass produced in the country.

Source: Beijing RENMIN RIBAO in Chinese 14 Nov 80 p 3

Item: Shanghai Construction Installation Machinery Manufacturing Plant
[0006 3189 1696 4639 1344 5944 2623 2750 0455 6644 0617]

Location: 111 Wuchuan Road, Shanghai, PRC

Data: Effective 16 September 1980 this plant has been renamed Shanghai Crane Truck Plant [0006 3189 3086 6508 6386 6850 2623 0617]. It manufactures hydraulic cranes mounted on motor vehicles.

Source: Shanghai JIEFANG RIBAO in Chinese 3 Oct 80 p 4

Item: Shoudu Machinery Plant
[7445 6757 2623 2750 0617]

Location: Beijing, PRC

Data: China's first new-type vacuum heat treatment furnace has been produced at this plant. This piece of equipment is primarily used in the light quenching (annealing) of tool, mold, spring, and alloy steels and tempering of a number of spare parts. The main technical targets of this furnace are up to the level of similar foreign products.
[Photo available]

Source: Beijing JENMIN RIBAO in Chinese 1 Dec 80 p 3

Item: Hangzhou City Machinery Bureau
[2635 1558 1579 2623 2750 1444]

Location: Hangzhou, Zhejiang, PRC

Data: In the economic interest of the whole bureau, the leadership of this bureau has decided to postpone or put off the expansion projects of four plants--Hangzhou Gear Box Plant, Hangzhou Heavy Machinery Plant, Hangzhou Chain Plant and Hangzhou Agricultural Machinery Plant.

Several years ago, the department concerned decided to invest over 20 million yuan to help the Hangzhou Heavy Machinery Plant build a production shop. However, the demand for excavators has diminished drastically in recent years and it would be a "big waste" to carry out an expansion project. The Hangzhou Gear Box Plant, which has also invested 20 million yuan in its expansion project, faces a similar situation. The bureau asked these two plants to postpone or suspend their expansion projects and urged them, along with the other two factories, to pool their resources and reorganize their manpower and equipment instead.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 30 Nov 80 p 1

Item: Zhuzhou Mining Machinery and Parts Plant
[2701 3166 4349 1472 2623 2759 6792 0115 0617]

Location: Zhuzhou, Hunan, PRC

Data: With the help of scientific research units, this plant has succeeded in trial producing a guide-type hydraulic rock drill, thus filling a gap in China's mining machinery industry. Working on hard granite, the average drilling speed of this machine is 1 meter per minute. Its dust density is 60 percent lower than that of a pneumatic rock drill.

Source: Beijing RENMIN RIBAO in Chinese 14 Nov 80 p 3

Item: Shanghai Heavy Machinery Plant
[0006 3159 6850 0992 2894 0892 0617]

Location: Shanghai, PRC

Data: A precision gas cutting machine that can cut 600mm-thick castings and forgings according to set patterns has been made in Shanghai, East China. The new machine, which involves a technique now used in few other countries, was produced jointly by the Shanghai gas welder plant and this plant.

Source: Beijing XINHUA in English 1205 GMT 18 Oct 80 OW

VII. MISCELLANEOUS INDUSTRIES

Item: Plant No 53
[0063 0005 1562 0617]

Location: Shenyang, Liaoning, PRC

Data: After 1 year of readjustment, this state-operated plant is now producing civilian goods, as well as military supplies. With a 60-percent reduction of its assignments this year, it has been devoting its major efforts toward turning out civilian products. In preparation for the production of ceiling fans for export, the plant has organized and built two workshops covering 4,000 square meters of floor space, allocated 149 pieces of equipment, built on its own 130 pieces of special equipment, and reassigned 1,100 workers. The annual output of ceiling fans is expected to reach 200,000. At the same time, it is making use of scrap materials to make 20 different kinds of "small commodities." The plant expects to make 1 million yuan in profit this year.

Source: Beijing RENMIN RIBAO in Chinese 23 Oct 80 p 2

Item: Guangzhou City Sewing Machine Plant No 4
[1684 1558 1579 4911 4771 2894 0934 0617]

Location: Guangzhou, Guangdong, PRC

Data: Formerly known as the Guangzhou Machinery Plant and currently subordinate to the Guangzhou City Sewing Machine Industry Company, this plant is manufacturing the modified JA4-1 household sewing machines and some of the parts for the GC10-1 industrial high-speed [level] sewing machines. The former machinery plant has more than 7,000 square meters of floor space, is equipped with 80 pieces of machine-processing equipment, and employs 300 workers. Its production processes and equipment are similar to those of a sewing machine plant. This makes it easy for the conversion. The Guangzhou City Sewing Machine Industry Company has been tasked to increase its annual output from 500,000 to 650,000 sewing machines this year. The conversion of this plant will help the company to fulfill its production quota.

Source: Beijing JENMIN RIBAO in Chinese 19 Sep 80 p 1

Item: Xibei (Northwest) Synthetic Pharmaceuticals Plant No 2
[6007 0554 0678 2052 5673 0059 0617]

Location: At the foot of Hua Shan in Shaanxi, PRC

Data: As of the 1 October National Day this year, this plant has achieved an industrial output value of 21.2 million yuan, netted 4.5 million yuan in profit, and fulfilled the annual plan by 86.5 percent. It has completed 9 out of 15 technical innovations put forward in early 1980. Its third new product--glutamic acid--is now in trial production.

Source: Beijing RENMIN RIBAO in Chinese 6 Oct 80 p 1

Item: Xiaoshan Sewing Machine Plant
[5618 1472 4911 4771 7623 0617]

Location: Xiaoshan County, Zhejiang, PRC

Data: This plant has successfully trial produced Zhejiang brand GC1-2 industrial sewing machines and has turned them over to garment factories in Hangzhou and Jiaxing for trial use.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 6 Nov 80 p 2

Item: Shanghai Synthetic Rubber Plant
[0006 3189 0678 2052 2895 5231 0617]

Location: Shanghai, PRC

Data: This plant has recently merged with the nearby Gaoqiao Chemical Plant, subordinate to the Shanghai Chemical Bureau, to make fuller use of their petroleum resources. It is now known as the synthetic rubber subplant of the Gaoqiao Chemicals Plant. These two plants produce plastics and synthetic rubber respectively, and both plants use petroleum gas as raw material. This makes it advantageous for both plants to consider a unified plan for the utilization of petroleum resources and the rational use of plant buildings, space and equipment.

Source: Shanghai JIEFANG RIBAO in Chinese 24 Oct 80 p 1

Item: Shaoguan Cement Plant
[7300 7070 3055 3136 0617]

Location: Shaoguan, Guangdong, PRC

Data: For the first 9 months of this year, this plant reported a 7.16-percent increase in cement output, a 148-percent increase in profits, and a drop of 0.46 yuan per ton of cement produced, as compared to the comparable period of 1979, ranking first in these categories in Guangdong Province. These achievements were attributed to the sound management in finance, marketing and supplies.

Source: Guangzhou NANFANG RIBAO in Chinese 29 Oct 80 p 2

Item: Jinshan Cement Plant
[6855 1472 3055 3136 0617]

Location: Shanghai, PRC

Data: This plant has recently built a 145-meter rotary kiln and has put it into trial operation. The new kiln is the largest "wet method" cement kiln in Shanghai. This expansion project, which covers 35,771 square meters of floor space, was constructed at a cost of 30 million yuan. When completed, the expansion project together with the original vertical kiln with an annual output of 100,000 metric tons of No 400 slag cement, will make this plant Shanghai's second largest cement producer.

Source: Shanghai JIEFANG RIBAO in Chinese 31 Oct 80 p 1

Item: Dujiang Paper Mill
[6757 3068 4786 0617]

Location: Guan County, Sichuan, PRC

Data: By jointly operating a paper pulp plant with the Shiyang Commune, which has been running a pulp mill in recent years, this mill will be able to better and more economically meet the increasing demand for papers. The mill plans to expand its annual production capacity from 5,000 to 7,500 metric tons. The investment of this mill in this joint venture does not exceed one-third of the total investment. The net profit is shared on the basis of 20 percent for this mill and 80 percent for the commune, and the financial responsibility in case of loss is based on a 6:4 ratio. This means that the paper mill must assume the main responsibility for loss due to poor management.

Source: Chengdu SICHUAN RIBAO in Chinese 15 Sep 80 p 3

Item: Fushun Sugar Mill
[1381 7311 4743 0617]

Location: Fushun, Sichuan, PRC

Data: Instead of producing just one product--granulated sugar--as in the past, this mill is now also turning out paper, wine and alcohol by making use of the molasses and begasse from the sugar-making process. In the past 18 months, it turned over to the state 400,000 yuan in profit.

At the end of 1979, the mill added a wine workshop with an annual output capacity of 2,700 metric tons and then expanded the output capacity of its paper workshop. Last year, it turned out 2,740 metric tons of machine-made paper, 130 metric tons of alcohol, and 800 metric tons of table wine, netting 930,000 yuan in profit. Including the profit made from sugar production, the mill has earned profits totaling 1.02 million yuan, a twofold increase over 1978.

Source: Chengdu SICHUAN RIBAO in Chinese 15 Aug 80 p 2

Item: Xuhui Electroplating and Polishing Plant
[1776 0565 7193 1653 2141 0342 0617]

Location: Shanghai, PRC

Data: Effective 15 November this year, this plant has been renamed the Shanghai Plastic and Electroplating Plant [0006 3189 1043 2436 7193 1653 0617]. It continues to engage in plasticizing and electroplating operations.

Source: Shanghai WENHUI BAO in Chinese 14 Nov 80 p 4

Item: Jiangxi Chemical Fiber Plant
[3068 6007 0553 4960 0617]

Location: Jiangxi Province, PRC

Data: During the first 9 months of this year, this plant's output value had reached 33 million yuan and realized a profit of 8.63 million yuan. Ninety to 99 percent of its synthetic cotton, yarn, and cloth was of top quality.

Source: Beijing RENMIN RIBAO in Chinese 28 Oct 80 p 1

Item: Longchuan Shaving Board Plant
[7893 3123 0442 5363 2647 0617]

Location: Longchuan County, Zhejiang, PRC

Data: Construction of this plant, the largest of its kind in Zhejiang Province, began in the first half of 1979. When completed, it will produce 8,000 cubic meters of shaving board annually. The Second Light Industry Bureau of Longchuan County was instrumental in raising 3.5 million yuan for the construction of this project, which, when finished, will earn an annual output value of 4 million yuan, accounting for 75 percent of the gross output value of all light industrial enterprises in the county. Trial operation is scheduled for the end of 1980.

Source: Hangzhou ZHEJIANG RIBAO in Chinese 17 Aug 80 p 2

Item: Shenyang Air Blower Plant
[3088 7122 7849 7364 2623 0617]

Location: Shenyang, Liaoning, PRC

Data: This plant has produced a turbine compressor for ammonia synthesis column. The turbine compressor is indispensable for chemical plants with an annual capacity of 300,000 m tons of synthetic ammonia. The plant imported the compressor manufacturing technique from Italy in 1976 and imported electronic computers, precision machine tools and testing equipment from other countries. It has an annual capacity of 30 turbine compressors.

Source: Beijing XINHUA in English 0702 GMT 8 Dec 80 OW

Item: Beijing Textile Research Institute
[0554 0079 4791 4930 4282 4496 2076]

Location: Beijing, PRC

Data: This institute has developed a new chemical treatment agent that makes the heat transfer printing technique applicable to silk fabrics. The technique used to be suitable for synthetic materials only. The silk fabrics are treated with the new chemical agent, rinsed and put on colored paper patterns to be pressed at high temperature (180 degrees centigrade). The printing is finished within a minute, and the effect is similar to that of synthetic prints.

Source: Beijing XINHUA in English 1220 GMT 23 Oct 80 OW

Item: Beijing Oxygen Supplying Station No 1
[0554 0079 8638 3051 0180 4822 0001 4541]

Location: Beijing, PRC

Data: This station, jointly run by the Beijing Oxygen Plant and the Beijing Special Steel Mill, was formally opened in early November. The oxygen workshop's capacity of the Beijing Special Steel Mill is 2,800 cubic meters per hour while the mill's own consumption is 1,500 cubic meters per hour. The balance is wasted. After the establishment of the joint enterprise with the approval of the Beijing authorities, the special steel mill saves nearly 1 million yuan in planned purchase of tubes to store the surplus oxygen. The income of the joint enterprise is equally divided by the two units. Beijing Municipality also plans to shut down all small oxygen workshops of factories which are big consumers of electricity.

Source: Beijing XINHUA Domestic Service in Chinese 0239 GMT 28 Nov 80 OW

Item: Yaming Bulb Plant
[..... 3597 3133 0617]

Location: Shanghai, PRC

Data: This plant has developed a new light source--tube-type thallium-iodized bulbs, which are used to guide planes in landing. The bulbs are now being used in 30 airports in China.

Source: Beijing XINHUA in English 0702 GMT 8 Dec 80 OW

Item: Beijing General Urban Construction and Development Company
[0554 0079 1004 1579 1696 0361 0674]

Location: Beijing, PRC

Data: This recently established company's main tasks include: 1) carrying out land requisition, planning and construction of municipal and public projects in areas for unified construction in accordance with the capital's urban planning; 2) organizing unified housing construction projects in the capital and adjacent cities and towns; 3) organizing development and construction of satellite cities and towns in accordance with the capital's unified urban planning.

Source: Beijing XINHUA Domestic Service in Chinese 1259 GMT 22 Oct 80 OW

VIII. PHOTOGRAPHS OF INDUSTRIAL FACILITIES

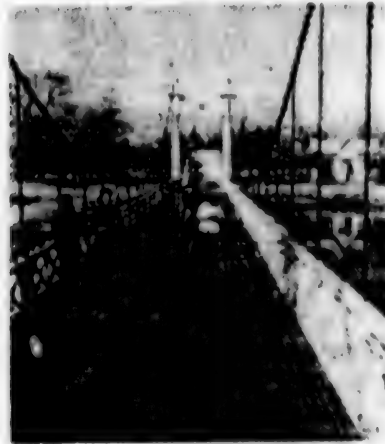


Fig. 1 View of the Zalantan Suspension Bridge on the Yalu River in Butha Qi, Hulun Buir Meng, Nei Mongol AR. The bridge was built in 1905

[Source: Shanghai JIEFANG RIBAO 28 Oct 80 p 2]

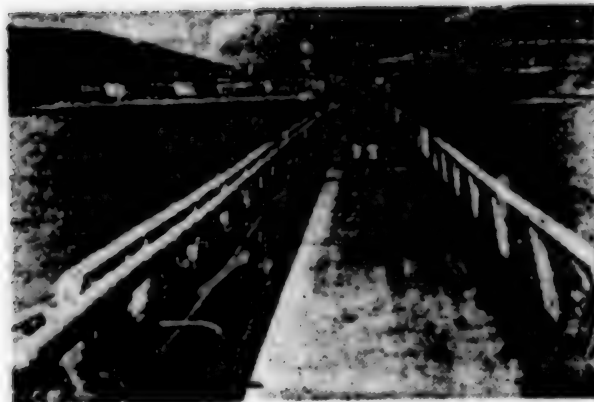


Fig. 2 An oil pier at the Chenshan Harbor of Zhapu Town in Pinghu County, Zhejiang

[Source: Hangzhou ZHEJIANG RIBAO 24 Oct 80 p 1]

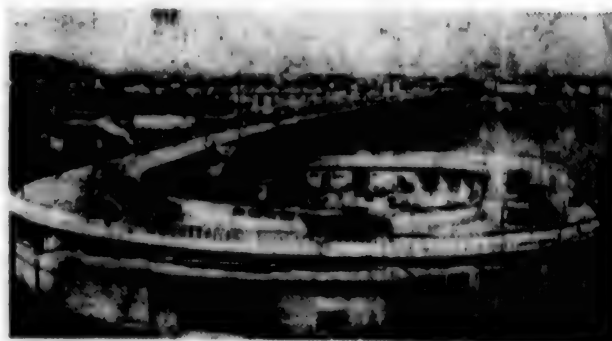


Fig. 3 View of the Lanjiang Bridge, the largest highway bridge in Zhejiang

[Source: Hangzhou ZHEJIANG RIBAO 20 Oct 80 p 1]

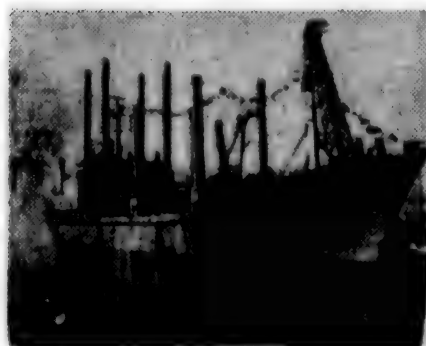


Fig. 4 A 7,000-ton ocean-going freighter, Lianyung, was launched 14 October 1980 at the Xingang Shipyard

[Source: Tianjin TIANJIN RIBAO 17 Oct 80 p 1]



Fig. 5 A satellite city engaged primarily in the production of textile and light industrial goods is under construction in Daxing County, southern suburbs of Beijing. Since 1976, five factories have gone into full or partial operation

[Source: Shanghai JIEFANG RIBAO 27 Oct 80 p 1]

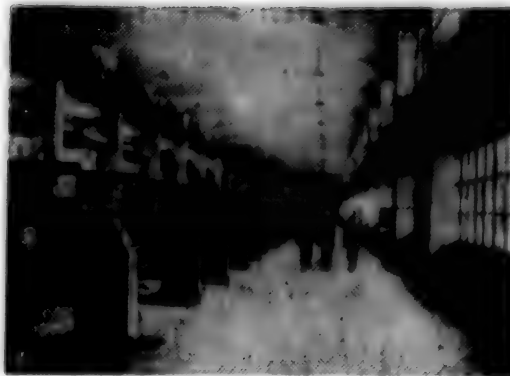


Fig. 6 View of a workshop of the Beijing City Plastic Products Plant

[Source: Shanghai JIEFANG RIBAO 27 Oct 80 p 1]



Fig. 7 Photograph of the Pingxi Hydroelectric Power Station in Raoping County, Guangdong Province. The station's first generating unit with an installed capacity of 2,160 kilowatts has been installed

[Source: Guangzhou NANFANG RIBAO 27 Oct 80 p 1]



Fig. 8 View of the upper structure of the Shanxi Television Broadcasting Central Station in Taiyuan. The structure covers an area of 20,000 square meters

[Source: Shanghai JIEFANG RIBAO 19 Oct 80 p 1]



Fig. 9 China's first postal ship, "Hongyan No 1," is now in operation. Equipped with modern equipment and instruments, the vessel plies between Dalian and Yantai

[Source: Shanghai JIEFANG RIBAO 19 Oct 80 p 1]



Fig. 10 A section of the Changzhou Tractor Plant's general assembly workshop. Currently equipped with 12 automated production lines, this tractor plant is turning out more and better Dongfeng-12 hand-guided tractors for the rural areas

[Source: Beijing GUANGMING RIBAO 17 Aug 80 p 2]



Fig. 11 One of China's nine major chemicals enterprises, the Qushou Chemicals Plant has now become a complex producing chemical fertilizer, agricultural chemicals, chemical raw materials and building materials

[Source: Hangzhou ZHEJIANG RIBAO 28 Sep 80 p 1]



Fig. 12 The Tianjin City Motor Vehicle Industry Company is concentrating its efforts on manufacturing model 130 low-fuel-consumption motor vehicles for factories, mines and rural people's communes

[Source: Hangzhou ZHEJIANG RIBAO 1 Oct 80 p 2]

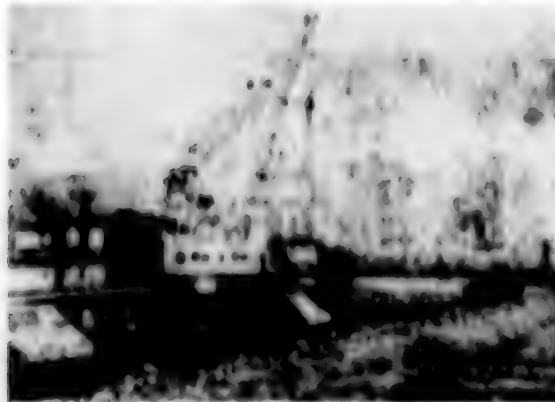


Fig. 13 The first-stage construction project of the Dongdu New Harbor in Xiamen, Fujian, is nearing completion. When completed, this harbor will have an annual cargo handling tonnage of 12 million metric tons

[Source: Hangzhou ZHEJIANG RIBAO 2 Oct 80 p 3]



Fig. 14. View of the Pingxi Hydroelectric Power Station in Raoping County, Guangdong Province. The station's first generating unit with an installed capacity of 2,160 kilowatts has been installed

[Source: Guangzhou NANFANG RIBAO 27 Oct 80 p 1]



Fig. 15 View of the Shenjiamen Fishing Port in Putuo County, Zhejiang

[Source: Hangzhou ZHEJIANG RIBAO 27 Oct 80 p 1]



Fig. 16 Photograph of a new industrial town, Danjiang Zhen, in Jun County, Hubei, along the Han River in Hubei Province

[Source: Shanghai JIEFANG RIBAO 23 Oct 80 p 1]



Fig. 17 The newly built Xizhuozishan Cement Plant in Nei Monggol

[Source: Beijing BEIJING REVIEW No 43, 27 Oct 80 p 7]

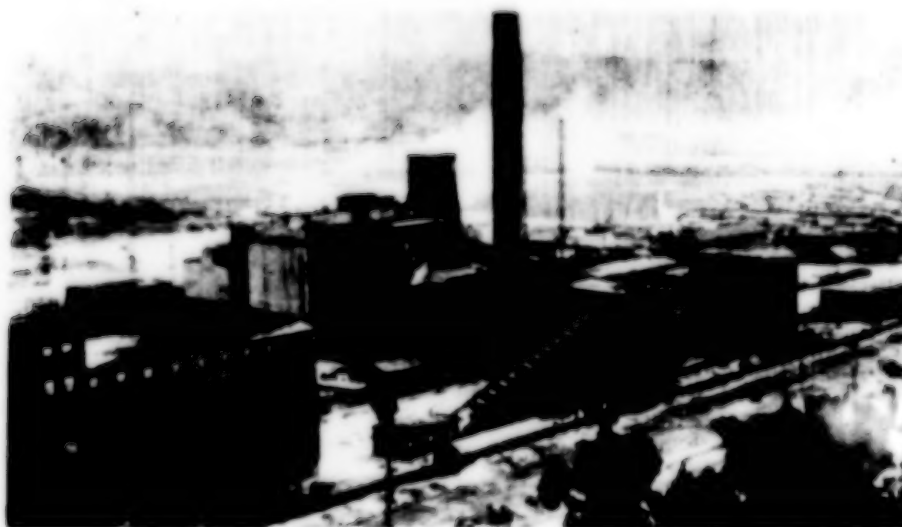


Fig. 18 China's first coal-burning power station in Jixi, Heilongjiang Province

[Source: Hong Kong TA KUNG PAO, Special Edition on the 1980 Autumn Chinese Export Commodities Fair, No 2, p 33]



Fig. 19 A workshop of Tangshan Iron and Steel Company in Hebei

[Source: Beijing JENMIN HUABAO [CHINA PICTORIAL] No 9, 1980 p 20]



Fig. 20 The Kailuan Coal Mine, seriously damaged in the earthquake, has been restored

[Source: Beijing JENMIN HUABAO [CHINA PICTORIAL] No 9, 1980 p 20]

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